

NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)

☒ Duplicate  
(check, if applicable)

MAIL STOP PATENT APPLICATION

Attorney Docket No.: 10407-55US (A3051MT-US1)

Commissioner for Patents

First Named Inventor: Hidetomo NAGAHARA, et al.

P.O. Box 1450

Express Mail Label No.: EV199928051US

Alexandria, VA 22313-1450

Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

COMPOSITE PIEZOELECTRIC TRANSDUCER AND METHOD OF FABRICATING  
THE SAME

which is:

an ☒ Original; or

a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior Application No. \_\_\_\_ filed \_\_\_\_.

Anticipated Group/Art Unit: \_\_\_\_ or Class \_\_\_\_, Subclass \_\_\_\_.

☐ This non-provisional patent application is based on Provisional Patent Application No.  
\_\_\_\_, filed \_\_\_\_.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 50 pages.
- ☒ 13 sheets of drawings (formal).
- ☐ Application Data Sheet.
- ☒ Newly executed Declaration (original).
- ☐ Copy of Declaration from prior application.
- ☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).
- ☐ Microfiche computer program (Appendix).
- ☐ Nucleotide and/or Amino Acid Sequence Submission, including:
  - ☐ Computer readable copy ☐ Paper Copy ☐ Verified Statement.
- ☒ Under PTO-1595 Cover Sheet, an assignment of the invention
- ☒ Name of Assignee: Matsushita Electric Industrial Co., Ltd.
- ☒ Certified copy of Japanese Application No. 2002-212072 filed July 22, 2002 are  
filed: ☒ herewith or ☐ in prior application \_\_\_\_.
- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under  
37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern,  
or ☐ a Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☒ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

17224 U.S. PTO  
07/15/03

08306 U.S. PTO  
10/620083  
07/15/03

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$375			\$750	
Total	29-20 =	9	X9	\$	OR	X18	\$ 162
Independent	9 - 3 =	6	X42	\$	OR	X84	\$ 504
<input type="checkbox"/> Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			<b>TOTAL</b>	<b>\$</b>	<b>OR</b>	<b>TOTAL</b>	<b>\$ 1,416</b>

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of \$ 1,416 .00 to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210407.0055)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS**

July 14, 2003 By: William W. Schwarze  
(Date)

**WILLIAM W. SCHWARZE**

Registration No. 25,918

**AKIN GUMP STRAUSS HAUER & FELD LLP**

One Commerce Square

2005 Market Street, Suite 2200

Philadelphia, PA 19103-7013

Telephone: 215-965-1200

**Direct Dial: 215-965-1270**

Facsimile: 215-965-1210

E-Mail: [wschwarze@akingump.com](mailto:wschwarze@akingump.com)

WWS/vj  
Enclosure

☒ Customer Number or Bar Code Label: **000570**

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$375			\$750	
Total	29-20 =	9	X9	\$	OR	X18	\$ 162
Independent	9 - 3 =	6	X42	\$	OR	X84	\$ 504
[ ] Multiple Dependent Claims Present			\$140	\$	OR	\$280	\$
			<b>TOTAL</b>	<b>\$</b>	<b>OR</b>	<b>TOTAL</b>	<b>\$ 1,416</b>

- [ ] The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- [X] A check in the amount of \$ 1,416 .00 to cover the filing is enclosed.
- [X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 210407.0055)** as noted below. A duplicate copy of this sheet is enclosed.
- [X] Any overpayments or deficiencies in the above-calculated fee.
- [ ] Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.
- [X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- [X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

#### CORRESPONDENCE ADDRESS

July 14, 2003 By: William W. Schwarze  
 (Date)

**WILLIAM W. SCHWARZE**  
 Registration No. 25,918  
**AKIN GUMP STRAUSS HAUER & FELD LLP**  
 One Commerce Square  
 2005 Market Street, Suite 2200  
 Philadelphia, PA 19103-7013  
 Telephone: 215-965-1200  
**Direct Dial: 215-965-1270**  
 Facsimile: 215-965-1210  
 E-Mail: wschwarze@akingump.com

WWS/vj  
 Enclosure

[X] Customer Number or Bar Code Label: **000570**